

Title (en)
IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

Title (de)
BILDVERARBEITUNGSVORRICHTUNG UND BILDVERARBEITUNGSVERFAHREN

Title (fr)
APPAREIL DE TRAITEMENT D'IMAGE ET PROCÉDÉ DE TRAITEMENT D'IMAGE

Publication
EP 3192256 A1 20170719 (EN)

Application
EP 15748319 A 20150721

Priority
• JP 2014182785 A 20140908
• JP 2015003638 W 20150721

Abstract (en)
[origin: WO2016038775A1] An image processing apparatus and an image processing method which can transmit/receive or display a high-dynamic-range image suitably are provided. An image transmission apparatus transfers, as metadata of content, luminance conversion information, which is for conversion of HDR content (for example, with maximum luminance 2000 nit) into SDR content (having, for example, 100 nit), or differential information. Based on the metadata, an image reception apparatus generates luminance conversion information, in which received HDR content is adapted to a capability of a display (for example, with maximum luminance 500 nit or 1000 nit) in an output destination, and realizes display mapping which is not against an intention of a producer.

IPC 8 full level
H04N 9/69 (2006.01)

CPC (source: CN EP US)
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H04N 21/2353 (2013.01 - CN); **H04N 23/83** (2023.01 - CN EP); **G06T 2200/28** (2013.01 - US); **G06T 2207/20008** (2013.01 - US);
G06T 2207/20208 (2013.01 - US)

Citation (search report)
See references of WO 2016038775A1

Citation (examination)
• WO 2013046095 A1 20130404 - KONINKL PHILIPS ELECTRONICS NV [NL]
• HATTORI S ET AL: "HLS: SEI message for Knee Function Information", 16. JCT-VC MEETING; 9-1-2014 - 17-1-2014; SAN JOSE; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16); URL: HTTP://WFTF3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-P0050-v2, 15 January 2014 (2014-01-15), XP030115514

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BA ME

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WO 2016038775 A1 20160317; CA 2921185 A1 20160308; CA 2921185 C 20230314; CN 105794216 A 20160720; CN 105794216 B 20201211;
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SG 11201601305W A 20160428; US 10192294 B2 20190129; US 2016292834 A1 20161006

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